# PSA for Steering Wheel Applications

**Automotive Applications** 







Avery Dennison Performance Tapes offers a full line of specially formulated high performance pressure-sensitive tapes for assembling the various functional and decorative layers that wrap modern steering wheels. Pressure-sensitive tapes provide many benefits over alternatives used to bond the leather and synthetic cover materials with the foams, heating and HOD (Hands Off Detection) sensing laminates for steering wheels.

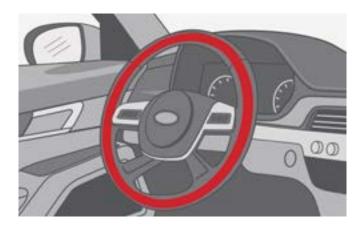
### **Features**

- A range of rubber and acrylic based tapes for secure bonding of PE and PU foams and PET non-woven scrims to synthetic (e.g. TPO) and natural leather wraps
- Robust PSA tapes that can withstand temperature differences, sweat and chemicals (e.g. hand creams)
- Range includes thin and flexible tapes for conformable foams and scrims
- Controlled release liners allow for easy removal at point of application
- Withstand temperature differences, moisture (sweat) and chemicals
- Controlled release liners allow for easy removal at point of application.
- Low VOC solutions available.
- PSA can be supplied pre-laminated onto a foam layer

### **Benefits**

- Secure component bonding with no heat or cure time
- Can help reduce assembly time and improve manufacturing flexibility compared to wet adhesives
- Compatible with functional layers using printed conductive ink circuits
- No loss of conformability of the steering wheel and thus no impact on comfort
- Industry proven; our tapes are approved by leading steering wheel manufacturers

**Performance Tapes** 



# **Solutions**

A range of Avery Dennison tapes have already found a place in the production of heated intelligent steering wheels. Solvent rubber PSAs are ideal for bonding the protective natural leather (or synthetic alternative), being resistant to moisture. The acrylic adhesives are suited for bonding the other layers including those printed with conductive inks while maintaining conformability and keeping VOC values down.

Product	Tape Thickness without liner (μ)	T-Peel Strength ISO 11339 (N/2.5 cm)		Carrier	Liner	Key Benefit
		Natural Leather	Synthetic Leather			
FT 107	60	10.9	7.6	-	Glassine, 100 gsm	Rubber based transfer tape for bonding PU and PE foams and natural/synthetic leather
FT 2018	80	11.2	6.5	-	Glassine, 80 gsm	Transfer tape for general bonding with moderate VOC levels
FT 2150	60	9.5	6.1	-	Glassine, 105 gsm	Low VOC transfer tape for foam and PET bonding and greater moisture resistance, also compatible with conductive inks
FT 2098	80	n.a.	n.a.	-	Glassine, 80 gsm	Low VOC acrylic
FT 7397	102	n.a.	n.a.	PET 12mu	PCK, 120 gsm	Acrylic adhesive double coated tape for general bonding, also compatible with conductive inks
FT 7961	95	n.a.	n.a.	PET scrim	Glassine, 90 gsm	Low VOC reinforced transfer tape for PET bonding and greater moisture resistance, also compatible with conductive inks
FT 7999	90	n.a.	n.a.	PETscrim	Glassine, 80 gsm	Low VOC acrylic reinforced transfer tape

Our technical experts are here to show you how to work with your materials successfully during every phase of your application. You can count on us to approach any challenge with genuine curiosity and care.

Contact your Avery Dennison sales representative or visit tapes.averydennison.com

## Asia Pacific

Kunshan, China, No. 618 Nanhe Road Kunshan Economic & Technological Zone China 215335

Phone: +86 400 6987 555 Fax: +86 512 57155059

## Europe

Tieblokkenlaan 1 B-2300 Turnhout Belgium

Phone: +32 (0)14 40 48 11 Fax: +32 (0)14 40 48 55

## North America

250 Chester Street Painesville, Ohio 44077 USA

Phone: +1866-462-8379 Fax: +1888-358-4469



### #MakingPossible

Please refer to tapes.averydennison.com for complete terms and conditions, including warranty terms relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

DISCLAIMER — © 2025 Avery Dennison Corporation. All rights reserved. The "Making Possible" tagline, Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are trademarks of Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. Branding and other information on any samples depicted are fictitious. Any resemblance to actual names is purely coincidental. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison. All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see terms.europe.averydennison.com.



